

REMARKS

Claims 11-15 are now pending in the application. The Examiner is respectfully requested to consider the remarks contained herein.

The reasons why the light reflected from the colour foil is not concentrated at the focus of the reflecting mirror are as follows.

In a case where the luminous bulb (the electric arc between the pair of electrodes) is an ideal point source and there is no misalignment in the optical system and the colour foil, light reflected from the colour foil will concentrate at the focus of the reflecting mirror.

However, in an actual image display apparatus, a) misalignment exists in the colour foil and the optical system and b) the luminous bulb is not the ideal point source, and thus light reflected from the colour foil will not necessarily concentrate at the focus of the reflecting mirror. a) The misalignment in the colour foil and the optical system refers to the misalignment of the provided position and angle, and the shape and planarity thereof, and b) the luminous bulb is not illuminated at one point but at the middle of and around the electrodes. Specifically, the misalignment of the colour foil and the optical system is acceptable as long as it does not hinder the production of light. Conventionally, since only the production of light is being considered, the effect of the light reflected from the colour foil and the optical system on the discharge lamp, when misalignment exists in the colour foil and the optical system, is not being considered. In such case, the temperature focus region may occur outside of the luminous bulb (outside of the focus of the reflecting mirror).

A reference diagram is attached for clarification.

CONCLUSION

It is believed that all of the stated grounds of rejection have been properly traversed, accommodated, or rendered moot. Applicant therefore respectfully requests that the Examiner reconsider and withdraw all presently outstanding rejections. It is believed that a full and complete response has been made to the outstanding Office Action, and as such, the present application is in condition for allowance. Thus, prompt and favorable consideration of this amendment is respectfully requested. If the Examiner believes that personal communication will expedite prosecution of this application, the Examiner is invited to telephone the undersigned at (248) 641-1600.

Respectfully submitted,

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